

ILE3



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# MEDIUM-MU TRIODE

## GENERAL DATA

### Electrical:

Filament, Coated:

Voltage. . . . . 1.4 . . . . . dc volts  
Current. . . . . 0.05 . . . . . amp

Direct Interelectrode Capacitances - Triode Unit:\*

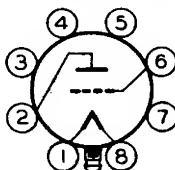
Grid to Plate. . . . . 1.7 . . . . .  $\mu\text{f}$   
Grid to Cathode. . . . . 1.7 . . . . .  $\mu\text{f}$   
Plate to Cathode . . . . . 3.0 . . . . .  $\mu\text{f}$

\* with external shield connected to negative filament terminal.

### Mechanical:

Mounting Position. . . . . Any  
Maximum Overall Length . . . . . 2-25/32"  
Maximum Seated Length. . . . . 2-1/4"  
Maximum Diameter . . . . . 1-3/16"  
Bulb . . . . . T-9  
Base . . . . . Lock-in 8-Pin  
Basing Designation for BOTTOM VIEW . . . . . 4AA

Pin 1 - Filament (+)  
Pin 2 - Plate  
Pin 3 - No Connection  
Pin 4 - No Connection  
Pin 5 - Internal  
Connection -  
Do Not Use



Pin 6 - Grid  
Pin 7 - No  
Connection  
Pin 8 - Filament (-)  
Plug - Base  
Shell

## AMPLIFIER - Class A<sub>1</sub>

Maximum Ratings, Design-Center Values:

PLATE VOLTAGE. . . . . 110 max. volts

Typical Operation and Characteristics:

Plate Voltage. . . . .	90	90	volts
Grid Voltage . . . . .	0	-3	volts
Amplification Factor . . . . .	14.5	14.5	
Plate Resistance . . . . .	11200	19000	ohms
Transconductance . . . . .	1300	760	$\mu\text{mhos}$
Plate Current. . . . .	4.5	1.4	ma

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TUBE DEPARTMENT  
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA